Message

From: Wirick, Holiday [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=CB8297D55F314BDD8AE914EED7EF14E5-HWIRICK]

Sent: 12/11/2019 10:20:54 PM

To: Wax, Peter N. [pwax@nd.gov]

Subject: RE: Calculation Assistance

Attachments: 304a metals calculator.xlsx

Hi Pete, attached is the spreadsheet for calculating 304(a) metals criteria that I mentioned in my voicemail message.

The acute and chronic aquatic life criteria for mercury total recoverable are 1.4 ug/L and 0.77 ug/L, respectively. When you have time, let's talk about your plans for revising the mercury criteria.

Thanks – and have a great evening!

Holly Wirick Water Quality Section U.S. EPA – Region 8 1595 Wynkoop Street Denver, CO 80202 (303) 312-6238

From: Wax, Peter N. <pwax@nd.gov>
Sent: Thursday, December 5, 2019 2:00 PM
To: Wirick, Holiday <wirick.holiday@epa.gov>

Subject: Calculation Assistance

Dear Holly:

Hope all is well and you had a great Thanksgiving. I consumed toooo much but that is as it should be.

On work related topics, I need a favor and have a question.

Favor: Would you please check out these tables to make sure I have the calculations correct for trace elements that are hardness dependent (total and freshwater).

Questions: What is are correct aquatic life criteria (Acute and Chronic) for Mercury total recoverable (dissolved + suspended)?

Pete

Peter N. Wax Special Projects Division of Water Quality

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